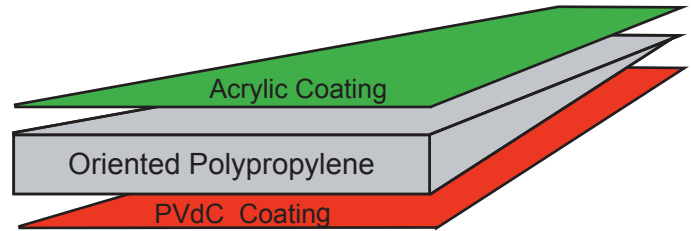


Propafilm™ Type RD Differentially Barrier Coated Film



Product Features

DESCRIPTION: Biaxially oriented polypropylene (BOPP) film coated on one side with an aqueous dispersion of polyvinylidene chloride (PVdC) copolymer, the other side coated with an aqueous acrylic dispersion. Both sides are heat sealable.

FEATURES:

- Excellent barrier to water vapor, gasses & aromas
- Both sides of the film are receptive to inks, adhesives and tear tapes.
- Puncture & impact-resistance even at low temps
- Low sealing threshold provides broad sealing range.

APPLICATIONS:

- Laminates for Overwrapping
- Form-Fill-Seal Packaging.
- Plain and Printed Form for Overwrapping
- Medium to Large Packages on Form-Fill-Seal Machines.

Property	Value						Unit	Test Method
Physical Properties								
Thickness	85	100	125	140	160	210	gauge	
Yield	35,850	29,100	24,550	21,150	18,650	14,510	in ² /lb	
Tensile Strength	MD TD	28,000 24,000					PSI	ASTM D 882
Elongation	MD TD	80 100					%	ASTM D 882
COF (film to film)	Static A/P Dynamic A/P	0.25 0.25						ASTM D 1894
Thermal Properties								
Shrinkage	MD/TD MD/TD	4.0 / 0 7.0 / 1.0					%	250°F x 60 secs 265°F x 60 secs
Sealing Range	A/A P/P	195-295 220-295					°F	2 secs; 5 PSI
Seal Strength	A/A P/P	>400 >400					g(f)/inch	256°F x 2 secs 15 PSI
Optical Properties								
Haze (wide angle) 2.5°	2.5						%	ASTM D 1003
Gloss (45°)	100						%	ASTM D 2457
Barrier Properties								
WVTR	0.35	0.32	0.26	0.23	0.21	0.15	g/100in ² /24hrs	ASTM F 1770
OTR	1.87					1.4	cc/100in ² /24hrs	ASTM F 1927

* All values +/- 10%

A=Acrylic surface P=PVdC surface

FOOD CONTACT: Propafilm™ RD is suitable for most applications involving direct contact with foodstuffs.

Standard Roll Sizes

Available Core Sizes →		3"	3"	3" or 6"	6"	6"
Approximate Roll OD →		9.50	11.00	13.00	18.75	22.50
Gauge	Microns	Approximate Roll Lengths				
48	12	10,125	15,188	20,250	40,500	60,750
60	15	8,100	12,150	16,200	32,400	48,600
70	18	6,750	10,125	13,500	27,000	40,500
75	19	6,383	9,575	12,767	25,533	38,300
80	20	6,067	9,100	12,133	24,267	36,400
90	22	5,500	8,250	11,000	22,000	33,000
100	25	4,933	7,400	9,867	19,733	29,600
120	30	4,017	6,025	8,033	16,067	24,100
140	35	3,500	5,250	7,000	14,000	21,000
160	40	3,050	4,575	6,100	12,200	18,300
200	50	2,433	3,650	4,867	9,733	14,600
210	52	2,317	3,475	4,633	9,267	13,900
240	60	2,033	3,050	4,067	8,133	12,200

*Non-standard roll lengths/OD's are available on special request.

Available Widths

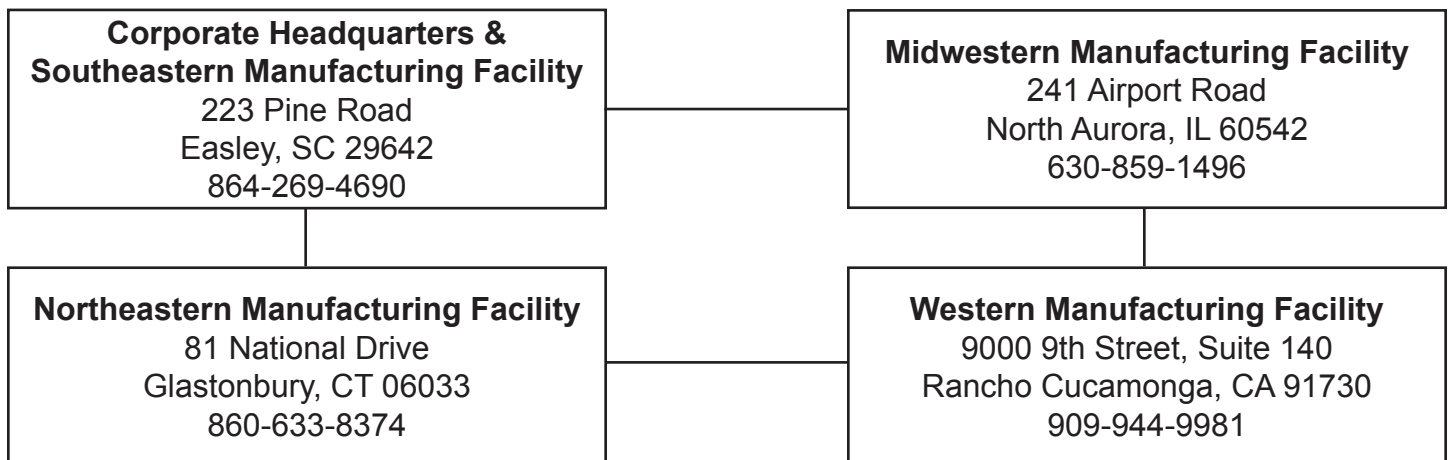
- Most films are available in roll widths from ¼ inch to 80 inches

Minimum Order Quantities

- Minimum order quantity is 500 lbs. Freight will be prepaid and added to invoice.
- Production orders less than 500 lbs. will incur a less than minimum order fee.
- Orders greater than 1000 lbs. are shipped freight paid.

Plant Locations

Nationwide service through four plants locations.



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